

WHAT IS CLAIMED IS:

1. A method of formulating a power transmitting fluid having enhanced wear protection performance comprising the steps of:
  - providing a major amount of a base oil;
  - providing a minor amount of an additive composition comprising a) a dispersant, b) an antioxidant, c) an anti-foam agent, and d) a dihydrocarbyl hydrogen phosphite;
  - combining the major amount of base oil with the minor amount of additive composition to form a power transmitting fluid;
  - wherein the power transmitting fluid has enhanced wear protection performance compared to a power transmitting fluid that does not include the additive composition.
2. A method of formulating a power transmitting fluid as described in claim 1, where in the dispersant comprises about 0.1 to about 10 wt. % of the power transmitting fluid.
3. A method of formulating a power transmitting fluid as described in claim 1, wherein the antioxidant comprises about 0.1 to about 3.0 wt. % of the power transmitting fluid.
4. A method of formulating a power transmitting fluid as described in claim 1, wherein the anti-foam agent comprises about 0.01 to about 1.0 wt. % of the power transmitting fluid.
5. A method of formulating a power transmitting fluid as described in claim 1, wherein the dihydrocarbyl hydrogen phosphite comprises about 0.01 to about 10 wt. % of the power transmitting fluid.

6. A method of formulating a power transmitting fluid as described in claim 1, wherein the additive composition further comprises one or more of a sulfur-based extreme pressure additive, a friction modifier, an anti-rust package, a viscosity index improver, a detergent, and a diluent oil.

7. A method of formulating a power transmitting fluid as described in claim 1, wherein the dihydrocarbyl hydrogen phosphite comprises hydrocarbonyl groups, each independently having about 10 to about 30 carbon atoms arranged linearly or in branched or iso-alkyl isomeric forms.

8. A method of formulating a power transmitting fluid as described in claim 1, wherein the dihydrocarbyl hydrogen phosphite comprises diolel hydrogen phosphite.

9. A method of formulating a power transmitting fluid as described in claim 1, further wherein the power transmitting fluid has enhanced anti-shudder durability compared to a power transmitting fluid that does not include the additive composition.

10. A method of formulating a power transmitting fluid as described in claim 1, wherein the fluid is suitable for use in a transmission employing one or more of a slipping torque converter, a lock-up torque converter, a starting clutch, and one or more shifting clutches.

11. A method of formulating a power transmitting fluid as described in claim 10, wherein the fluid is suitable for use in a belt, chain, or disk-type continuously variable transmission.

12. A method of formulating a power transmitting fluid having enhanced anti-shudder durability comprising the steps of:

- providing a major amount of a base oil;
- providing a minor amount of an additive composition comprising a) a dispersant, b) an antioxidant, c) an anti-foam agent, and d) a dihydrocarbyl hydrogen phosphite;
- combining the major amount of base oil with the minor amount of additive composition to form a power transmitting fluid;
- wherein the power transmitting fluid has enhanced anti-shudder durability compared to a power transmitting fluid that does not include the additive composition.

13. A method of formulating a power transmitting fluid as described in claim 12, wherein the dispersant comprises about 0.1 to about 10 wt. % of the power transmitting fluid.

14. A method of formulating a power transmitting fluid as described in claim 12, wherein the antioxidant comprises about 0.1 to about 3.0 wt. % of the power transmitting fluid.

15. A method of formulating a power transmitting fluid as described in claim 12, wherein the anti-foam agent comprises about 0.01 to about 1.0 wt. % of the power transmitting fluid.

16. A method of formulating a power transmitting fluid as described in claim 12, wherein the dihydrocarbyl hydrogen phosphite comprises about 0.01 to about 10 wt. % of the power transmitting fluid.

17. A method of formulating a power transmitting fluid as described in claim 12, wherein the additive composition further comprises one or more of a sulfur-based extreme pressure additive, a

friction modifier, an anti-rust package, a viscosity index improver, a detergent, and a diluent oil.

18. A method of formulating a power transmitting fluid as described in claim 12, wherein the dihydrocarbyl hydrogen phosphite comprises hydrocarbonyl groups, each independently having about 10 to about 30 carbon atoms arranged linearly or in branched or iso-alkyl isomeric forms.

19. A method of formulating a power transmitting fluid as described in claim 12, wherein the dihydrocarbyl hydrogen phosphite comprises dioleyl hydrogen phosphite.

20. A method of formulating a power transmitting fluid as described in claim 12, wherein the fluid is suitable for use in a transmission employing one or more of a slipping torque converter, a lock-up torque converter, a starting clutch, and one or more shifting clutches.

21. A method of formulating a power transmitting fluid as described in claim 20, wherein the fluid is suitable for use in a belt, chain, or disk-type continuously variable transmission.

22. A power transmitting fluid additive composition comprising:  
a dispersant;  
an antioxidant;  
an anti-foam agent; and  
a dihydrocarbyl hydrogen phosphite.

23. A power transmitting fluid additive composition as described in claim 22, wherein the dispersant comprises about 0.4 to about 40 wt. % of the additive composition.

24. A power transmitting fluid additive composition as described in claim 22, wherein the antioxidant comprises about 0.4 to about 12 wt. % of the additive composition.

25. A power transmitting fluid additive composition as described in claim 22, wherein the anti-foam agent comprises about 0.04 to about 4.0 wt. % of the additive composition.

26. A power transmitting fluid additive composition as described in claim 22, wherein the dihydrocarbyl hydrogen phosphite comprises about 0.04 to about 40 wt. % of the additive composition.

27. A power transmitting fluid additive composition as described in claim 22, wherein the additive composition further comprises one or more of a sulfur-based extreme pressure additive, a friction modifier, an anti-rust package, a viscosity index improver, a detergent, and a diluent oil.

28. A power transmitting fluid additive composition as described in claim 22, wherein the dihydrocarbyl hydrogen phosphite comprises hydrocarbonyl groups, each independently having about 10 to about 30 carbon atoms arranged linearly or in branched or iso-alkyl isomeric forms.

29. A power transmitting fluid additive composition as described in claim 22, wherein the dihydrocarbyl hydrogen phosphite comprises diolel hydrogen phosphite.

30. A power transmitting fluid additive composition as described in claim 22, wherein the additive composition is suitable for use in a transmission employing one or more of a slipping torque converter, a lock-up torque converter, a starting clutch, and one or more shifting clutches.

31. A power transmitting fluid additive composition as described in claim 30, wherein the additive composition is suitable for use in a belt, chain, or disk-type continuously variable transmission.

32. A power transmitting fluid comprising:  
a) a base oil; and  
b) an additive composition comprising:  
a dispersant;  
an antioxidant;  
an anti-foam agent; and  
a dihydrocarbyl hydrogen phosphite.

33. A power transmitting fluid as described in claim 32, wherein the dispersant comprises about 0.1 to about 10 wt. % of the power transmitting fluid.

34. A power transmitting fluid as described in claim 32, wherein the antioxidant comprises about 0.1 to about 3.0 wt. % of the power transmitting fluid.

35. A power transmitting fluid as described in claim 32, wherein the anti-foam agent comprises about 0.01 to about 1.0 wt. % of the power transmitting fluid.

36. A power transmitting fluid as described in claim 32, wherein the dihydrocarbyl hydrogen phosphite comprises about 0.01 to about 10 wt. % of the power transmitting fluid.

37. A power transmitting fluid as described in claim 32, wherein the additive composition further comprises one or more of a sulfur-based extreme pressure additive, a friction modifier, an anti-rust package, a viscosity index improver, a detergent, and a diluent oil.

38. A power transmitting fluid as described in claim 32, wherein the dihydrocarbyl hydrogen phosphite comprises hydrocarbonyl groups, each independently having about 10 to about 30 carbon atoms arranged linearly or in branched or iso-alkyl isomeric forms.

39. A power transmitting fluid as described in claim 32, wherein the dihydrocarbyl hydrogen phosphite comprises dioleyl hydrogen phosphite.

40. A power transmitting fluid as described in claim 32, wherein the fluid is suitable for use in a transmission employing one or more of a slipping torque converter, a lock-up torque converter, a starting clutch, and one or more shifting clutches.

41. A power transmitting fluid as described in claim 40, wherein the fluid is suitable for use in a belt, chain, or disk-type continuously variable transmission.